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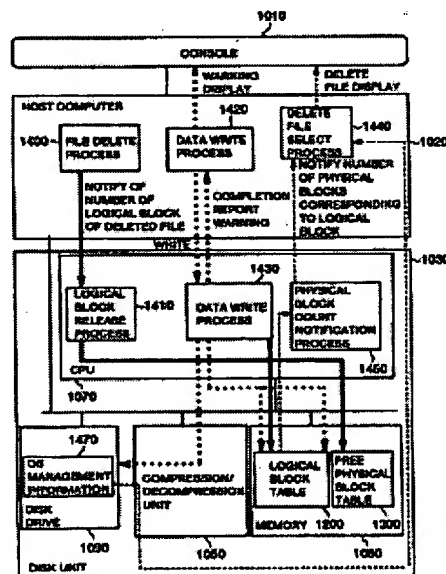
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(54) Computer system having storage unit provided with data compression function and method of management of storage area thereof

(57) A computer system including a host computer (1020) and a disk drive (1090) for compressing data utilized by the host computer (1020) and storing them. A write request of data of a logical block that is a management unit of data in the host computer (1020) is issued from the host computer (1020) to the disk drive (1090). The disk drive (1090) compresses the received data of logical block in accordance with the write request from the host computer (1020). A physical block that is a storage unit of physical data on the disk drive (1090) is allocated for compressed data, and the compressed data are stored in the allocated physical blocks. Furthermore, the disk drive (1090) determines whether there are a sufficient number of free physical blocks that have not been allocated for logical blocks or not, and gives a warning to the host computer (1020) when it is decided that the number of free physical blocks is small. The host computer (1020) informs a user of insufficiency of physical storage areas upon receipt of the warning.

FIG.1



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